Unified Equipment Systems, Inc.

UDYLITE•METAL FINISHING SYSTEMS
CLINTON TWP., MI

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UDYLITE

CRYSTAL OIL 320

24 HOUR EMERGENCY PHONE NUMBERS

CHEMTREC   800-424-9300

PRODUCT CODE#: YDNP/YDNQ

DATE ISSUED: 2/18/93

SUPERCEDES: 10/12/89

PREPARER: H. T. Borden

II. HAZARDOUS INGREDIENTS

COMPONENT	COMMON NAME	CAS NO.	OSHA-PEL	ACGIH-TLV	%
Petroleum Hydrocarbons		64742-62-7 &	NI	NI	>95
		64741-96-4	NI	NI	
Lithium Soap		7620-77-1	NI	NI	<4
Proprietary Additives			NI	NI	<4

NOTE: TLV for oil mist is 5 mg/m3.

III. PHYSICAL PROPERTIES

SPECIFIC GRAVITY (WATER =1)	0.92	BOILING POINT, °F	~730
EVAP.RATE (BUTYL ACETATE=1)	<0.01	MELTING POINT, °F	345
VAPOR PRESSURE, mmHg	<0.01	SOLUBILITY IN WATER	Negligible (<0.1%)
VAPOR DENSITY (AIR=1)	>5	APPEARANCE	Smooth, Dark Brown Grease
pH (AS IS)	Neutral	ODOR	Mild, Bland

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, °F	430 - COC	FLAMMABLE LIMITS (AIR)	0.9%	LEL	7%	UEL

EXTINGUISHING MEDIA

| | Not Combustible | | Water fog or spray | | Carbon Dioxide | X | Dry Chemical | | Alcohol Foam | X | Foam | | Sand or Earth |

SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained breathing apparatus (SCBA) and complete personal protective equipment when potential for exposure to vapors or products of combustion exists.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

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V. HEALTH HAZARD DATA

EFFECTS OF ACUTE EXPOSURE:

INHALATION: Mist or vapor may irritate respiratory tract.

INGESTION: Can cause irritation to mouth, throat, esophagus, and stomach.

SKIN: Can cause irritation.

EYES: Irritating to eyes.

EFFECTS OF CHRONIC EXPOSURE:

Chronic exposure effects not established.

CARCINOGEN: Not listed by NTP, IARC, OSHA.

REFERENCE: NA

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove person from contaminated area. If breathing has stopped, resuscitate and administer oxygen if available.
Seek immediate medical attention.

INGESTION: Never give anything by mouth to an unconscious person, obtain immediate medical attention. If vomiting occurs spontaneously, keep airway clear. If swallowed DO NOT INDUCE VOMITING, give large amounts of water.
Seek immediate medical attention.

SKIN: Flush with water. Remove contaminated clothing and footwear and wash before reuse.

EYES: Flush eyes with plenty of water, holding lids apart to ensure flushing of entire surface to prevent or relieve irritation.
If irritation persists, seek medical attention.

VI. PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL PROCEDURES:

Avoid contact with skin, eyes, and clothing. Wear protective equipment (see Section VII). Dispose of in accordance with Local, State, and Federal regulations.

STORAGE AND HANDLING PRECAUTIONS:

Store in a cool, dry place. Keep away from strong oxidizers.

ADDITIONAL INFORMATION:

Wash thoroughly after handling.

VII. CONTROL MEASURES

VENTILATION: Local exhaust recommended.

RESPIRATOR: Use NIOSH approved respirator when air concentration is greater than the TLV or PEL.

EYE PROTECTION: ☐ Safety glasses ☒ Chemical safety goggles ☐ Face shield

PROTECTIVE GLOVES: ☒ Neoprene ☐ Natural rubber *Other:* Butyl Rubber

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None

WORK/HYGENIC PRACTICES:

Emergency eye wash and safety shower should be available. Wash thoroughly after handling.

ADDITIONAL INFORMATION:

For waste disposal of spilled or contaminated product follow Enthone-OMI Waste Disposal Procedures. If necessary, consult Enthone-OMI for disposal assistance. Dispose of in accordance with Local, State and Federal regulations.

CAS = Chemical Abstract Service	PEL = OSHA Permissible Exposure Limit
NI = No relevant information available	TLV = ACGIH Threshold Limit Value
NA = Not applicable	NTP = National Toxicology Program
Trade Secret = Claimed as allowed under 29 CFR 1910.1200	IARC = Int'l Agency for Research on Cancer

VIII. REACTIVITY DATA

X Stable	CONDITIONS TO AVOID:	Stable under normal conditions. See incompatibility information.
Unstable		

INCOMPATABILITY (Materials to avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION	May occur	CONDITIONS TO AVOID: None
	X Will not occur	

IX. ADDITIONAL INFORMATION

This product does not contain any chemicals subject to the reporting requirements of SARA, TITLE III, Section 313 (40CFR372) or known to the State of California to cause cancer or birth defects (to comply with California Statute [Section 25249.6]).